

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2003-198696

(43)Date of publication of application : 11.07.2003

(51)Int.Cl.

H04M 1/03

H04M 1/02

H04R 1/02

(21)Application number : 2001-393021

(71)Applicant : FOSTER ELECTRIC CO LTD

(22)Date of filing : 26.12.2001

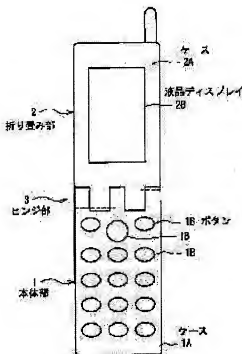
(72)Inventor : KOIKE YOSHIO
EGAWA YOICHI
NAKAGAKI MASAHIKO

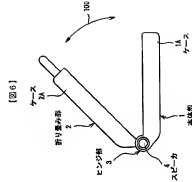
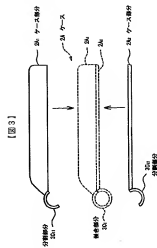
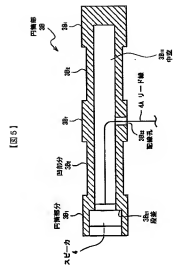
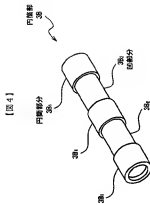
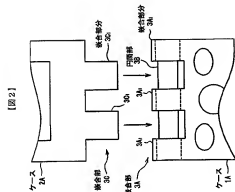
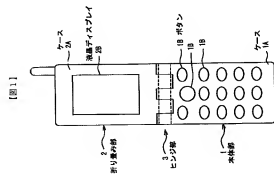
(54) PORTABLE TELEPHONE

(57)Abstract:

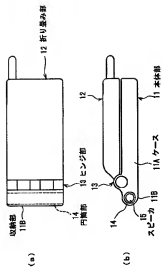
PROBLEM TO BE SOLVED: To provide a portable telephone which can provide a quality acoustic reproduction.

SOLUTION: A hinge 3 includes a first fitting having at least one cylindrical fitting portion provided to a main body part 1, a second fitting provided to a foldable part 2 and having cylindrical fitting portion to be engaged with the first fitting, a hollow cylinder fitted in the first and second fittings, opened at one end and closed at the other end, and a loudspeaker provided to an open part of the cylinder for converting a sound signal from the main body part 1.

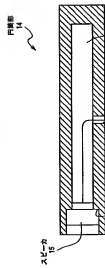




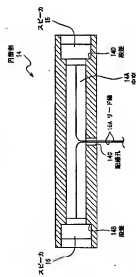
【図7】



【図8】



【図10】



【図11】

